

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Currently Amended) A magnetic device having a layer containing pores and having wirings on both faces of the layer formed on a substrate,

wherein each of a first group of pores is filled with a body formed by alternately stacked magnetic layers and nonmagnetic layers,

each of a second group of pores different from the first group of pores is filled with a conductive material and the conductive material of at least two pores of the second group of pores serves as a writing wire for writing into the magnetic layers in one pore of the first group of pores, and

wherein the second group of pores is surrounded by the first group of pores.

2. (Previously Presented) The magnetic device according to claim 1, wherein the pores are nano-holes in alumina formed by anodic oxidation.

3. (Currently Amended) The magnetic device according to claim 1, wherein a filling material in a third group of pores different from the first and second groups serves to intercept a magnetic field.

4. (Currently Amended) The magnetic device according to claim 3, wherein the filling material in the third group of pores serving to intercept the magnetic field surrounds a unit cell.

5. (Previously Presented) The magnetic device according to claim 1, wherein each of the magnetic layers contains Co, and each of the nonmagnetic layers contains Cu.

6. (Previously Presented) The magnetic device according to claim 1, wherein the pores of the second group contain Cu.

7. to 12. (Cancelled)

13. (Previously Presented) The magnetic device according to claim 1, wherein the ratio of a sectional area S ( $\text{cm}^2$ ) of each of the pores and a length L ( $\text{cm}$ ) of each of the pores satisfies the relation:

$$10^5 < L/S < 10^8$$

14. (Cancelled)

15. (Cancelled)